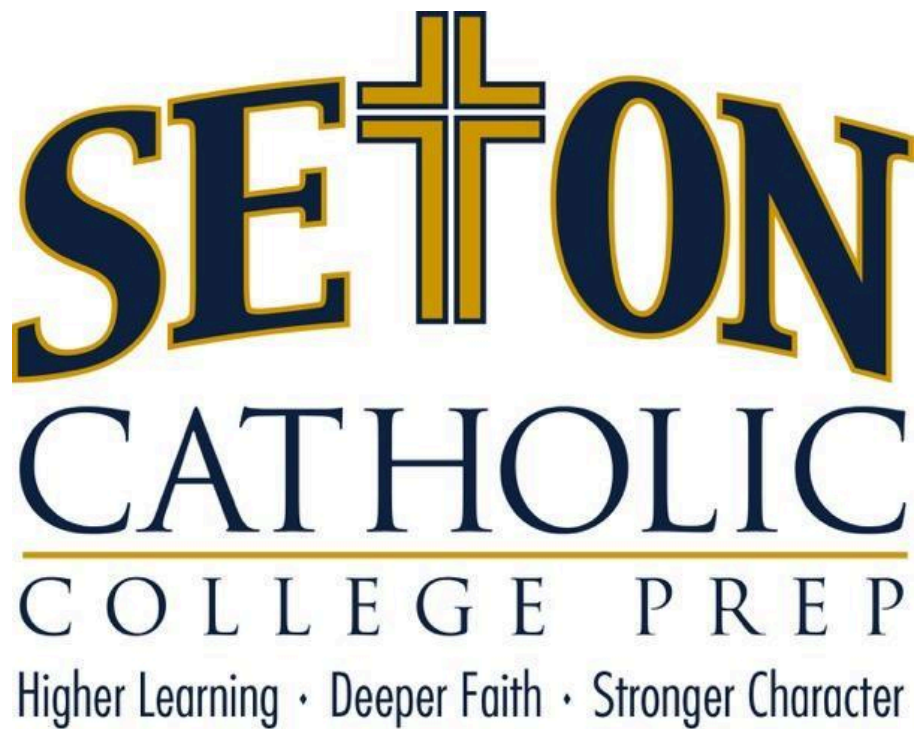




COURSE CATALOG 2026-2027

CREDIT REQUIREMENTS

The course of studies at Seton Catholic College Preparatory High School is designed to prepare our students to enter colleges and universities. Our challenging college prep program directs students into courses which prepare them for success in the future. Student success will require rigorous effort by students in both their classes and in their assignments.

Seton Catholic requires students to obtain 26 credits in order to graduate. All students are expected to take seven classes each semester. Academic credits are assigned each semester for each course in which a passing grade is earned. Students may earn one credit for each year long course or a .5 credit for each semester course.

Seton Catholic's course of studies are set up to meet or exceed the minimum entry requirements for colleges and universities.

CORE SUBJECT REQUIREMENTS

THEOLOGY: Four years of religious study are required. Courses include: Catholic Tradition, Introduction to Christology, Paschal Mystery, The Catholic Church, Foundations of Catholic Morality, Sacraments, World Religions, Intro to Catholic Philosophy, and Christian Vocations.

CHRISTIAN COMMUNITY SERVICE: A total of 100 hours of service to our parishes and other community organizations are required.

ENGLISH: Four years of study are required in English.

MATHEMATICS: Three years of study are required at the level of Algebra 1, Geometry and Algebra 2. Students typically will be tested upon entry for placement. More advanced mathematics courses are recommended, such as Pre-Calculus, Statistics, Calculus AB and BC.

SCIENCE: Three years of study are required. Courses include: Biology, Chemistry, Physics and Environmental Science. Students planning to major in science or a science-related field are encouraged to complete four years of Science.

SOCIAL STUDIES: Three years of study are required in History or in any of the social sciences (e.g, World Studies, U.S. History, Comparative Government.)

WORLD LANGUAGE: Two years of study are required. The two years must be devoted to a single world language and must be in sequence, with no repetition of any prior term of study, and without a reduction in what would normally be a full, second year of study.

FINE & PERFORMING ARTS: One year of study is required in the Fine & Performing Arts. This area includes Introduction to Visual Arts, Concert Band, and Concert Choir.

PHYSICAL EDUCATION/HEALTH: Three semesters of PE are required. One semester of Health is required.

TECHNOLOGY: One year of study is required in Technology.

CREDITS REQUIRED TO GRADUATE FROM SETON CATHOLIC

23.00 Required Credits + 3.00 Elective Credits = 26.00 TOTAL CREDITS

No. Required	Freshman Year	Sophomore Year	Junior Year	Senior Year
4.0 Theology:	Four full years of Theology.			
Christian Community Service	20 hrs. Christian Community Service	20 hrs. Christian Community Service	30 hrs. Christian Community Service	30 hrs. Christian Community Service
4.0 English:	Four full years of English.			
3.0 Math:	Three full years of Math.			
3.0 Science:	Three full years of Science.			
3.0 Social Studies:	Three full years of Social Studies.			
2.0 World Language:	Two full years of the same world language.			
1.0 Fine & Perf. Arts:	One full year of Fine/Visual/Performing Arts			
1.5 Physical Ed:	Three semesters of Physical Education.			
.5 Health Ed:	One semester of Health Education.			
1.0 Technology:	One year of Career/Technology Education.			

REQUIREMENTS COMPARED

SUBJECTS	Most College Requirements	Seton Catholic Requirements
Theology	-	4.0
English	4.0	4.0
Mathematics	3.0	3.0
Science	3.0	3.0
Social Studies	3.0	3.0
World Language	2.0	2.0
Fine & Performing Arts	1.0	1.0
Physical Education	-	1.5
Health	-	.5
Technology	-	1.0
Electives	-	3.0
TOTAL CREDITS REQUIRED:	15.0	26.0*
<i>Christian Community Service</i>		100 hours

**Washington State History requirements must be met prior to entrance into Seton Catholic.*

COLLEGE AND UNIVERSITY GUIDELINES

To be eligible for admissions to most four-year universities or colleges, high school students must complete the college-preparatory courses shown below. This should not be a problem as these match our Seton graduation requirements. While there may be some differences among schools in some states or for certain intended majors (such as STEM-focused majors), in general colleges expect:

- English: 4 years
- History/Social Studies: 3 years
- Mathematics: 3 years minimum (Algebra 1 and above)
- Science: 3 years minimum (Biology, Chemistry, and Physics recommended)
- World Language: 2 years minimum
- Fine & Performing Arts: 1 year minimum

However, students are strongly encouraged to pursue additional college prep coursework beyond these minimums in order to be a more competitive applicant and to be better prepared for college. Particularly, colleges put a higher value on students that take more than two years of a foreign language. College admission counselors recommend that students continue to take a challenging academic load during their senior year if they want to be considered as a serious candidate. Please see your counselor or university website for specific requirements.

When applying to most private or public four-year colleges and universities, students are required to provide the following:

1. Application, completed and signed (either through the university website or through the Common App).
2. Application fee (some colleges waive the fee).
3. Official high school transcripts through junior year (college counselor will send this).
4. Official scores from SAT/ACT (currently optional at some colleges, check fairtest.org for an accurate list of colleges that require them.)

SETON STANDARD FOUR-YEAR CURRICULUM PLANNING GUIDE

<u>FRESHMEN</u>	<u>CR</u>	<u>SOPHOMORE</u>	<u>CR</u>	<u>JUNIOR</u>	<u>CR</u>	<u>SENIOR</u>	<u>CR</u>
Theology	1.0	Theology	1.0	Theology	1.0	Theology	1.0
English	1.0	English	1.0	English	1.0	English	1.0
Mathematics	1.0	Mathematics	1.0	Mathematics	1.0	Mathematics	1.0
Social Studies	1.0			Social Studies	1.0	Social Studies	1.0
PE / Health	1.0	Science	1.0	Science	1.0	Science	1.0
Choose 2: Science World Lang. Technology Fine Arts	2.0	Choose 3: Social Studies World Lang. Technology PE Fine Arts	3.0	Choose 2: World Lang. Technology PE Fine Arts	2.0	Choose 2: World Lang. Technology PE Fine Arts	2.0

COURSE DESCRIPTIONS

THEOLOGY

We are a Roman Catholic school that welcomes students from all faith backgrounds. Students study Theology all four years. Theology is an academic course designed to teach the skills of theological inquiry and *provide the intellectual underpinnings of faith.*

Theology 9 (1 credit)

Semester 1: Catholic Tradition

This course is an overview of the essential Catholic Church teachings outlined by the four pillars of the Catechism of the Catholic Church as well as an introduction to Sacred Scripture. Through their study students will be introduced to major Catholic themes in theology and enter into the rich tradition of Catholic prayer. Finally, the student will be introduced to the life and mission of a “Setonian” through the inspiration of the life of Saint Elizabeth Ann Seton anchored by the Holy Spirit. The USCCB curriculum framework guides the course of study.

Semester 2: Introduction to Christology

The Person of Jesus Christ is the focal point of the second semester of theology. Jesus is viewed from a historical and theological perspective. Students study the Christian Scriptures and the development of the Catholic Christian Church through the years.

Theology 10 (1 credit)

Semester 1: Paschal Mystery

The purpose of this course is to help the student understand all God has done for us through his Son, Jesus Christ. The progression of study for students is that, for all eternity, God has planned for us to share eternal happiness with him, which is accomplished through the life, death and Resurrection of Christ who won redemption for us.

Semester 2: The Catholic Church

In the second semester, this course is to help students understand that in and through the Church they encounter the living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the

Apostles and sustained by him through the Holy Spirit. The students will come to know that the Church is the Living Body of Christ today.

Theology 11 (1 credit)

Semester 1: Foundations of Catholic Morality

One’s moral life in Christ should aim to focus on the intellectual, moral and formational development joined to the mystery of the Lord. This course is designed to enable students to understand the Christian vision of morality with Jesus as the model, to teach a process of moral decision-making, and prepare students for the teachings of the Catholic Church through the sacraments and a life of grace. This course uses an academic discussion format, reflective writing and prayer exercises.

Semester 2: Sacraments

This course will seek to explore the sacraments of the Church. Students will explore and challenge their own sacramental life in the light of their faith and current Church teachings. This course will employ scriptures, catechism, lives of saints and doctors of the Church who have sought to define and expand the meaning of the sacraments.

Theology 12 (1 credit)

Semester 1: World Religions

The goal of this course is to introduce students to the major religious traditions that exist today. It is hoped that students will gain a better understanding of the variety of views that exist in our complex and diverse world, thus fostering a genuine respect for these traditions. One of the central goals of this course will be to gain a better understanding of the spirituality and belief systems of other faiths, so that each student will be able to better articulate the Catholic faith. The course will also allow students the opportunity to gain a greater appreciation of other World Faiths, and in doing this, gain a greater appreciation of the way different cultures pray and worship.

Semester 2: Christian Vocation

This course leads the students toward a deeper understanding of the vocations of life: how Christ calls us to live. In this course, students will learn how all vocations stem from the inherent value and sacredness of our existence, which begins from conception and to natural death. They will learn what it means to live life in the service of others, and value their call to the specific vocation in the Christian community from which God has planned for each of them.

Intro to Catholic Philosophy (1 credit)

Grade Level: 12

This course introduces students to the study of philosophy and teaches students the philosophical roots of the doctrines and beliefs of the Catholic faith. This will be done by studying the historical genesis of the Catholic philosophical tradition beginning with the thinkers of ancient Greece (particularly with Plato and Aristotle) and the philosophical development and tradition of the Catholic Church from the early church to the modern day. Students will understand how philosophy has played a role in the development of Christian doctrine including Catholic vocations. Students will be able to summarize the major ideas of great philosophers throughout the history of the Catholic Church and how those ideas play a role in their faith.

CHRISTIAN COMMUNITY SERVICE

Christian Service experiences at Seton Catholic College Prep enable students to put their faith into action and includes faith sharing and prayer; individual reflection; lessons in community building, simple living, helping others and social justice. Our hope is that through this service, students will become aware of their responsibilities as Christians to serve others, especially those in need.

Required hours for each year

Freshmen year	20 hours
Sophomore year	20 hours
Junior year	30 hours
Senior year	30 hours

ENGLISH

The Seton Catholic English department teaches students to read while interpreting and analyzing and to write for a variety of purposes through Honors and AP courses. Infusing Common Core State Standards into the curriculum alongside our Catholic faith and values prepares students to be successful at any college.

Honors English 9 (1 credit)

This course refines the language arts skills of students entering Seton from a variety of backgrounds. It focuses on the mastery of the basic elements of the English language and specific literary types. It seeks to develop a foundation on which subsequent English courses can be built. After an initial review of paragraph skills, this course will develop an understanding of the writing process and proceed to more sophisticated types of writing. This class will use literary content to develop skills in reading, writing, speaking, research, vocabulary, organization, and critical thinking. Additional texts will be used to teach particular skills.

Honors English 10 (1 credit)

This course further refines the skills learned in Honors English 9. It focuses on the mastery of the English language and specific literary types. The literary focus is literature from around the world to introduce students to different perspectives and writing techniques. It seeks to further develop the foundation on which subsequent English classes are built. This course continues to put into practice the writing process and includes a unit on basic speech skills. This class will use literary content to develop skills in reading, writing, speaking, research, vocabulary, organization, and critical thinking. Additional texts will be used to teach particular skills.

AP Language and Composition (1 credit)

Offered: 26-27 *Not offered every year*

Grade Level: 11-12

Prerequisite: Approval of present English teacher.

The AP Language and Composition course is designed to help students become skilled readers of prose from a variety of periods, disciplines, and rhetorical contexts. The students will also become skilled writers who can compose for a variety of purposes. Through writing and reading experiences in this course, students should become aware of the interactions among writer's purposes, audience expectations, and subjects, as well as the way generic conventions and the resources of language contribute to effective writing. Emphasis is placed on collegiate level writing that includes a 15-20 page research based thesis paper.

AP Literature and Composition (1 credit)

Offered: 27-28 *Not offered every year*

Grade Level: 11-12

Prerequisite: Approval of present English teacher.

The AP English Literature and Composition course is designed to engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students can deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students should consider a work's structure, style, and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone.

Creative Nonfiction: Truth in the Making (1 credit)

Offered: 27-28 *Not offered every year*

Grades: 11-12

Prerequisite: Honors English 9 & 10

Creative Nonfiction (memoir, arguments, journalism, speech and debate). This course invites students to explore the art of creative nonfiction through the lens of argumentation and rhetoric. By blending factual storytelling with persuasive techniques, students will learn how to craft compelling narratives that not only inform but also influence and engage readers. Through reading essays, memoirs, and journalistic pieces, students will examine how writers use argumentation, tone, and rhetorical strategies to communicate powerful

ideas. They will practice writing personal essays, research essays, opinion pieces, and speeches, focusing on how to develop strong, well-supported arguments while maintaining a creative and authentic voice. Students will also learn proper speech and debate techniques to become effective communicators to use in the real world.

Contemporary Literature: Between Words and Frames (1 credit)

Offered: 26-27 *Not offered every year*

Grades: 11th and 12th

Prerequisite: Honors English 9 & 10

Literary Adaptations (graphic novels, films, narrative retellings, villain perspectives). This course offers 11th and 12th grade students an in-depth exploration of how literature is adapted across different mediums, including graphic novels, films, plays, television shows, and other novels. Students will analyze the process of transforming a text into a new form, examining the artistic choices made in each adaptation and their impact on the original material. They will compare the source material with its adaptations, considering themes, character development, narrative structure, and the cultural and historical context in which the adaptations were created. In addition to critical analysis, students will explore the creative and technical challenges involved in adaptation, including accuracy, interpretation, and audience expectations. The course will also encourage students to reflect on how adaptations contribute to the ongoing life of a story and its relevance across generations.

World Literature: Gods, Heroes, and Monsters (1 credit)

Offered: 26-27 *Not offered every year*

Grades: 11th and 12th

Prerequisite: Honors English 9 & 10

Mythology (myths and legends across time and cultures) In this course, 11th and 12th grade students will dive into the fascinating world of mythology, exploring the rich narratives that have shaped cultures across the globe. From the gods and heroes of Greek and Roman mythology to the legends of Norse,

Egyptian, and Indigenous traditions, students will analyze timeless myths and uncover their enduring relevance in contemporary society. Throughout the course, students will examine the major themes of mythology, including creation stories, the hero's journey, the relationship between gods and mortals, and the moral lessons these myths convey. By comparing myths from different cultures, students will uncover universal themes and learn how these stories reflect the values, beliefs, and concerns of ancient civilizations. In addition to literary analysis, the course will explore the continued influence of mythology in modern media—films, literature, television, and even video games. Students will analyze how ancient myths are adapted and reimagined in contemporary storytelling, shaping everything from superhero movies to fantasy novels.

MATHEMATICS

In addition to understanding mathematical concepts, Seton's Mathematics curriculum strives to develop analytical and critical thinking skills. Three years of Math are required for entrance to most colleges and universities including Algebra 2.

Algebra 1 (1 Credit)

Grade Level: 9

This is the most common entry level Math course for students who have successfully completed a Pre-Algebra class. Students will learn to use linear, quadratic and high order polynomial equations. They will learn to solve systems of equations as well as how to work with functions, inequalities, and irrational numbers.

Honors Geometry (1 credit)

Grade: 9-10

Prerequisite: Algebra 1 or 70% or higher on Geometry Challenge Exam

This course examines geometric structure, congruence, similarity, and measurement. Emphasis will be placed on proofs and problem solving. Students will study the additional topics of 3-Dimensional and Non-Euclidean Geometry.

Honors Algebra 2 (1 credit)

Grade Level: 10-12

Prerequisite: Algebra 1 and Geometry or 70% or higher on the Algebra 2 Challenge Exam

This course examines polynomial and quadratic equations and their manipulations. Rational, irrational and complex numbers are considered and the geometry of lines and conic sections are graphed and explored. Trigonometry, logarithm, series and sequences are looked at in their basic forms. By the end of this course students will be able to manipulate polynomials and quadratic equations.

Financial Algebra (1 credit)

Grade Level: 12

Prerequisite: Geometry

Students learn how to prepare and follow a budget, apply for and build their credit,

purchase an automobile, apply for employment, calculate their taxes, rent an apartment, buy a house and plan for retirement. Mathematics concepts include basic probability and statistics, quadratic and linear regression and equations, logarithmic functions and equations, exponential growth and decay, ratios and proportions, square root functions, trigonometric ratios and relationships, similar triangles, percent increase and decrease, rational equations, matrices, systems of equations and piecewise functions.

Pre-Calculus (1 credit)

Grade Level: 11-12

Prerequisite: Algebra 2

Topics included in this class are functions and graphs; intercepts, zeros and solutions; polynomial and rational functions; exponential and logarithmic functions; trigonometric functions; linear models and systems of equations; matrices, determinants; sequences, probability and statistics; as well as an introduction to limits and derivatives. They will be able to solve triangles using trigonometric functions and they will be able to solve science problems using exponents and logarithms.

AP Pre-Calculus (1 credit)

Grade Level: 11-12

Prerequisite: Algebra 2 and teacher approval

AP Precalculus is designed to be the equivalent of a first semester college precalculus course. AP Precalculus provides students with an understanding of the concepts of college algebra, trigonometry, and additional topics that prepare students for further college level mathematics courses. This course explores a variety of function types and their applications—polynomial, rational, exponential, logarithmic, trigonometric, polar, parametric, vector-valued, implicitly defined, and linear transformation functions using matrices.

Throughout the course, the mathematical practices of procedural and symbolic fluency, multiple representations, and communication and reasoning are developed. Students

experience the concepts and skills related to each function type through the lenses of modeling and covariation and engage each function type through their graphical, numerical, analytical, and verbal representations.

AP Calculus AB (1 credit)

Grade Level: 12

Prerequisite: AP Pre-Calculus and teacher approval

This independent course is based on the AP Calculus BC curriculum which include limits, differentiation, integration, logarithmic, exponential, and other transcendental functions, differential equations, parametric, polar, and vector functions. This course is self paced and weighted on assessment. This class prepares students for the AP exam in May.

Independent AP Calculus BC (1 credit)

Grade Level: 12

Prerequisite: AP Calculus AB and teacher approval

This course is based on the AP Calculus BC curriculum which include limits, differentiation, integration, logarithmic, exponential, and other transcendental functions, differential equations, parametric, polar, and vector functions. This class prepares students for the AP exam in May.

AP Statistics (1 credit)

Grade Level: 11-12

Prerequisite: Algebra 2 and teacher approval

This course introduces students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. This class prepares students for the AP exam in May.

SCIENCE

The Science Department strives to make our students science literate. They will be able to read and understand information that relates to the sciences. As citizens and Christians they will be able to make informed decisions concerning scientific matters that relate to our world and nation. Three years of Science are required for entrance to most colleges and universities including Biology, Chemistry and Physics. Our AP offerings give students desiring to pursue Science related fields the opportunity to deepen their understanding and application.

Honors Biology (1 credit)

Grade Level: 9-10

Students will learn about and apply the scientific method to investigate the course material through a project-based curriculum. Topics covered include ecology, cell structure and function, genetics, DNA and RNA structure and function, cellular energetics, evolution and the five kingdoms of life. Students will experience a hands-on lab science class – laboratory and problem-solving activities are associated with most units.

AP Biology (1 credit)

Offered: 26-27 *Not offered every year*

Grade Level: 11-12

Prerequisite: Biology, Chemistry and teacher approval

Learn about the core scientific principles, theories, and processes governing living organisms, biological systems, and natural phenomena. Understand key science practices you can use to develop explanations and predictions of natural phenomena, which you will test and refine through laboratory investigations. Develop advanced reasoning and inquiry skills as you design experiments, collect and analyze data using mathematics and other methods, and interpret that data to draw conclusions.

Honors Chemistry (1 credit)

Grade Level: 10-12

Prerequisite: Biology

This course seeks to provide students with the necessary background in modern chemistry for their specialized study in science. This course presents a study of the principals and theories behind matter and its changes. Students will develop a good foundation in stoichiometry, gas laws, atomic structure, bonding, thermodynamics, kinetics, acid-base, equilibrium, oxidation-reduction and laboratory skills. This course is intended for the student to develop a deeper appreciation and understanding of matter and its interactions. The course approaches this science from a problem-solving and inquiry context, relying on mathematics and analysis skills.

Physics (1 credit)

Grade Level: 11-12

Prerequisite: Biology, Chemistry, and Algebra 2 (may be taken concurrently with Algebra 2 with teacher approval.)

This program provides a systematic study of the principles of physics and emphasizes the development of critical thinking and problem-solving ability. The course offers the essential foundation in physics for students in preparation for college or university studies. The subject matter is intensive and analytical covering the areas of mechanics, geometrical and physical optics, and modern physics.

AP Physics (1 credit)

Grade Level: 11-12

Prerequisite: Biology, Chemistry, and Algebra 2 (may be taken concurrently with Algebra 2 with teacher approval.) and teacher approval
Equivalent to a first semester college course in algebra based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum), work, energy, and power; and mechanical waves and sound. Electric circuits are also introduced.

AP Environmental Science (1 credit)

Offered: 27-28 *Not offered every year*

Grade Level: 12

Prerequisite: Biology, Chemistry and teacher approval

The goal of this course is to provide students with the scientific principles, concepts, and methodologies to understand the interrelationships of the natural world.

Students learn to identify and analyze environmental problems both natural and human-made, to evaluate the risks associated with these problems and examine alternative solutions for resolving and/or preventing them. Environmental Science integrates ecology, geology, physics, chemistry, meteorology, economics and social science.

The course has one common theme that runs throughout: sustainable living.

SOCIAL STUDIES

Social Studies at Seton Catholic offers students the chance to challenge their higher level thinking skills. Students are exposed to World and US History, Comparative Governments, Human Geography and World Cultures while accessing the analysis, hypothesis, and synthesis levels of thinking. Three years of study are required in history or social sciences.

World Studies (1 credit)

Grade Level: 9, 10

Geography Alive! Regions and People creatively challenges students to use the tools of geography to view, analyze, and understand the world around them. The program's case-study approach and seven Mapping Labs turn students into geographic thinkers. As a key benefit, building students' content area reading skills is an integral part of the programs' design. Students will be exposed to every continent and many different cultures and beliefs.

AP Human Geography (1 credit)

Grade Level: 9, 10, 11, 12

Prerequisite: Admin approval

The purpose of the AP Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications.

AP World History (1 credit)

Grade Level: 10, 11, 12

Prerequisite: Approval of present history teacher.

The purpose of the AP World History course is to develop greater understanding of the evolution of global processes and contacts in different types of human societies. This understanding is advanced through a combination of selective factual knowledge

and appropriate analytical skills. The course highlights the nature of changes in global frameworks and their causes and consequences, as well as comparisons among major societies. It emphasizes relevant factual knowledge, leading interpretive issues, and skills in analyzing types of historical evidence. Periodization, explicitly discussed, forms an organizing principle to address change and continuity throughout the course. Specific themes provide further organization to the course, along with consistent attention to contacts among societies that form the core of world history as a field of study.

United States History (1 credit)

Grade Level: 11

The U.S. History courses are designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. History. The U.S. History courses will develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format.

AP U.S. History (1 credit)

Grade Level: 11

Prerequisite: Approval of present history teacher.

The U.S. History courses are designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. History. Students should learn to assess historical materials – their relevance to a given interpretive problem, reliability, and importance – and to weigh the evidence and interpretations presented in historical scholarship. The U.S. History courses will develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format.

Civics (0.5 credit)

Grade Level: 12

Prerequisite: AP US History or US History

The Civics course is designed to familiarize students with their political and legal rights and responsibilities. The students will study all levels of government in the U.S. with an emphasis on how to effect constructive change. Knowledge of current events will be a basic element of the course.

Economics (0.5 credit)

Grade Level: 12

Prerequisite: AP US History or US History

This course introduces students to fundamental economic principles, including decision-making, microeconomics, and macroeconomics. Emphasis is placed on the analysis, interpretation, and application of economic concepts to real-world issues affecting individuals and society. The course aims to provide students with an analytical framework to make informed decisions about the marketplace, the broader economy, and the political and economic systems that shape our world.

AP Comparative Government and Politics (1cr)

Grade Level: 12

Prerequisite: Approval of present history teacher.

Comparative Government and Politics introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives, to explain differences in processes and policy outcomes, and to communicate to students the importance of global political and economic changes. Six countries from the core of the AP Comparative Government and Politics course: China, Great Britain, Iran, Mexico, Nigeria, and Russia. By using these six countries, the course can move the discussion of concepts from abstract definition to concrete example, noting that not all concepts will be equally useful in all country settings.

WORLD LANGUAGE

Seton's language courses prepare students to speak, read, listen, and write in various languages. It includes a review of verbs and grammatical structures as well as an introduction to extensive vocabulary. Two years of study in a single world language are required.

Spanish 1 (1 credit)

Grade Level: 9-12

Spanish 1 is an introductory course in the Spanish language and culture. Students develop the ability to speak, read, listen and write based upon vocabulary presented. This course develops competence in speaking, listening, reading and writing using highly predictable situations. Students are introduced to the geography and culture of Spanish speaking countries.

Spanish 2 (1 credit)

Grade Level: 9-12

Prerequisite: Spanish 1/teacher recommendation

Spanish 2 is a course which further develops communicative proficiency in Spanish. This course emphasizes accuracy in communication and increases the knowledge of the culture of Spanish speaking countries. Students are encouraged to develop speaking, listening, reading and writing at an intermediate level. The geography of Spanish speaking countries is heightened through film and literature.

Spanish 3 (1 credit)

Grade Level: 10-11

Prerequisite: Spanish 2/teacher recommendation

Spanish 3 prepares students to speak, listen, read and write in the three major time frames (Present, past and future.) Students develop the ability to negotiate various topics in Spanish. This course prepares students to develop paragraph length discourse in present, past, and future tense to use hypothetical discourse, and to negotiate using a wide variety of vocabulary and grammatical structures. Students are also introduced to

modern Spanish literature. In addition, students will be presented to the art, dance, music, literature and film of Spanish speaking countries.

AP Spanish Language (1 credit)

Grade Level: 11-12

Prerequisite: Spanish 3/teacher recommendation

AP Spanish Language is an advanced course which focuses on oral proficiency, reading comprehension, listening skills, writing competence and preparation for university requirements. Proficiency is increased through reading short stories, discussing contemporary issues and reading literary works. Students develop the ability to express themselves in situations where the context is not predictable. This course covers Spanish and Latin American history and culture.

AP Spanish Literature (1 credit)

Grade Level: 12

Prerequisite: AP Spanish Language and teacher recommendation

Independent AP Spanish Literature is an advanced course which offers a historic survey of the literature of Spanish-speaking cultures. Students study major movements and authors of this literature. Students learn to discuss the four genres - drama, essay, fiction and poetry with appropriate terminology in preparation for the AP Spanish Literature Exam. Students will analyze and write about important Spanish and Latin American authors and their works. This course is self paced and weighted on assessment.

Independent World Language

Grade Level: 9-12

Prerequisite: Administration Approval
Students wishing to pursue a world language that is not offered at Seton Catholic, may enroll in an outside course at the families expense. Seton Catholic will work to provide an independent study period in the student's schedule.

TECHNOLOGY

All students are required to take 1.0 credits in Vocational/Technology Education. The two AP Computer Science courses enable students wishing to pursue computer science fields the opportunity to deepen their knowledge and hands-on experience.

Intro to Computer Science (1 credit)

Grade Levels: 9-12

Seton's Intro to Computer Science curriculum is designed to help students learn essential coding skills. Students learn basic Python, CSS and Javascript code to build their websites, enabling them to further enhance their learning to develop apps and games. Projects in this class will integrate math, social studies, science, and literacy to help develop problem solving, leadership, employability, and communication skills.

Prototypes (1 credit)

Grade Levels: 9-12

This course is intended to offer students an introduction to the world of computer generated 3-D modeling and coding. As an introductory course, it provides a basic understanding of the skills and techniques employed by 3-D designers in a wide range of applications. In this online course, we will explore basic mesh modeling, texturing, lighting, animation and rendering. This course should provide a good basis for further independent study in architectural, engineering, game, theatrical and character modeling.

AP Computer Science A (1 credit) (also applicable as a Math or Science credit)

Offered: 25-26 *Not offered every year*

Prerequisite: Intro to CS and Geometry
AP Computer Science A is equivalent to a first-semester, college level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms),

analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities.

AP Computer Science Principles (1 credit) (also applicable as a Math or Science credit)

Offered: 27-28 *Not offered every year*

Prerequisite: Intro to CS and Geometry

The AP Computer Science Principles Course is designed to be equivalent to a first-semester introductory college computing course. In this course, students will develop computational thinking vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using computer software and other technology to explore questions that interest them.

AP Cybersecurity (1 credit)

Offered: 26-27 *Not offered every year*

Prerequisite: Intro to Computer Science

AP Cybersecurity trains students in the field and aligns closely with standard first-year collegiate cybersecurity courses. Students explore defense-in-depth strategies and learn to address specific vulnerabilities, attacks, mitigations, and detection measures across a variety of domains, including physical spaces, computer networks, devices, applications, and data. Developed in partnership with college faculty and industry leaders, this yearlong course aligns with the NICE Workforce Framework.

Digital Art (1 credit)**(also applicable as a Fine Arts credit)**

Grade Levels: 9-12

This one-year course introduces students to digital media art. We will focus on the fundamental elements of art and design, color theory and basic concepts drawing/painting electronically . This course will expose students to two programs (Canva and Procreate) to develop their skills for further digital art study. Students will learn to utilize elements and principles of art and design for their own work.

FINE, VISUAL & PERFORMING ARTS

Seton Catholic's Fine, Visual & Performing Arts program provides a creative outlet in various media for students during their rigorous courses. The Concert Band and Choir provides students musical training and education as well as performance opportunities in our community. All students are required to take 1.0 credits of Fine, Visual & Performing Arts.

Concert Choir (1 credit)

Grade Levels: 9-12

This class is designed for students of music who are interested in developing both choral and individual singing technique through ensemble singing. Students will develop sight-reading, ear training, harmonization skills, basic music theory and vocal techniques through the application to a wide range of choral music and solo music. Students will be expected to participate in all choral events and some liturgical services.

Concert Band (1 credit)

Grade Levels: 9-12

This class is designed for students of music who are interested in developing musical technique through ensemble playing. Students will develop sight-reading, harmonization skills, basic music theory and instrumental techniques through the application of acquired skills to play a wide variety of music styles and genres. Students will be expected to participate in all band events.

Intro to Visual Arts (1 credit)

Grade Levels: 9-12

This course is an overview of basic art principles, methods, and media. This course is divided into four major areas of exploration: elements of art, principles of design, artist study, and art movements. Projects may include drawing techniques, color psychology, using watercolor, pen and ink, pastels, and more.

Advanced Visual Arts (1 credit)

Grade Levels: 9-12

Prerequisite: Introduction to Visual Arts

Advanced Visual Arts builds upon the foundational skills and concepts learned in Introduction to Visual Arts and is designed for students who wish to further develop their artistic skills, creative voice, and understanding of visual art. Students will explore a variety of advanced techniques and media such as drawing, painting, mixed media, sculpture, and digital art while developing a personal portfolio of work. Emphasis will be placed on artistic process, composition, craftsmanship, creativity, critique, and art history connections. Students will engage in individual and collaborative projects, participate in critiques, and refine their ability to communicate ideas and meaning through visual expression.

PHYSICAL EDUCATION AND HEALTH

The Seton Physical Education and Health curriculum encourages students to focus on the body as a temple of the Holy Spirit. Throughout the year discussions include eating healthy, thinking healthy, and exercise and how and why God wants you to take care of your body. All students are required to take 1.5 credits of Physical Education and a .5 credit of Health.

Physical Education (0.5 or 1 credit)

Grade Level: 9-12

This coeducational class is designed to explore lifetime fitness in a variety of ways. Individual and team sports are included with emphasis placed upon development of skills and knowledge of the game. Students will learn ways to include maximum physical activity in their daily lives.

Health (0.5 credit)

Grade Level: 9-12

This one-semester course is required. It is required to explore lifetime wellness in a variety of ways. Students learn to address issues of physical, mental, and social health and to understand their connection to total health. The curriculum is intended to help students examine their lifestyles, select goals and make plans to achieve and maintain optimum health. This involves choosing behaviors that help prevent illness and accidents and promote health for oneself and for others. The program promotes responsible decision making and provides students with life management skills they can use for the rest of their lives.

ELECTIVE OFFERINGS

Leadership (1 Credit)

Grade Levels: 10-12

This course is open to every student who wishes to further develop positive character and leadership skills. Students learn to lead with integrity while serving their school and community, focusing on the values of tolerance, kindness, and respect. The class is primarily experiential-learning based and emphasizes the importance of communication, team work, time management skills, character, personal growth, building strong relationships, organizational skills, and fostering community engagement. Students must also be willing to challenge themselves and others, and be willing to assume servant leadership responsibilities.

Conceptual Design (1 credit)

Grade Levels: 10-12

This class introduces students to the basic skills and techniques of engineering, design and woodworking. Students will develop knowledge of woodworking techniques and perfect their skills through projects. Students will engage in research and learn to create, design, cut and mill wood to finish their project. The creation and production of a stand up paddleboard will be a major project of this course.

AP Psychology (1 credit)

Grade Levels: 11-12

The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with major units of study, including biological bases of behavior, cognition, development, learning, social psychology, personality, and mental and physical health. Throughout the course, students apply psychological concepts and employ psychological research methods and data interpretation to evaluate claims, consider evidence, and effectively communicate ideas.